Patent for Cow Urine Distillate

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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the United States has granted a patent to a product which contains distilled portions from pure cow urine and increases the activity of antibiotics, anti-fungal agents and anti-cancer drugs;

(b) if so, the names of institutions which helped in research work of this project;

(c) the number of scientists who worked on this project;

(d) on which drugs experiments were carried; and

(e) whether Government have acclaimed it as a major breakthrough?

THE MINISTER OF SCIENCE ANDTECHNOLOGY (DR. MURLI MANOHAR JOSHI): (a) A US patent bearing no. 6,410,059 has been granted to Council of Scientific & Industrial Research (CSIR) for a pharmaceutical composition containing a fraction of cow urine distillate and an antibiotic. The composition enhances the bioactivity of anticancer drug taxol and also shows the enhancement of anti microbial activity of ampicillin and rifampicin towards gram positive and gram negative bacteria.

(b) Central Institute of Medicinal & Aromatic Plants (CIMAP), Lucknow, a constituent laboratory of CSIR and Go-Vigyan Anusandhan Kendra (GVAK), Nagpur were involved in the aforesaid research work.

(c) Fifteen scientists were involved in the project.

(d) The experiments were carried out on anti-bacterial namely ampicillin, rifampicin, isoniazid; and-fungal like clotrimazole and anti-cancerous compound taxol.

(e) The innovation shows a fraction of the cow urine distillate in combination with antibiotic as also with taxol demostrates bioenhancement activity.